

## INTERNATIONAL SEARCH REPORT

national Application No

T/GB2004/001224

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/58 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 292 669 B1 (MEURONEN TIMO ET AL) 18 September 2001 (2001-09-18) column 1, line 65 - column 2, line 55 column 4, line 57 - column 7, line 47 -----	1-34
X	WO 03/019959 A (LAO JEOFFREY RECATO ; LACSON ERIK (PH); BENZON ROLAND ALEN RONDOLO (PH) 6 March 2003 (2003-03-06) page 3, line 25 - page 4, line 10 page 5, line 14 - page 7, line 20 page 8, line 12 - page 11, line 15 page 12, line 1 - page 17, line 4 page 19, line 12 - page 20, line 13 -----	1-34
A	WO 99/12364 A (NOKIA TELECOMMUNICATIONS OY ; LUMME MARTTI (FI); HIPPELAEINEN LASSI (F) 11 March 1999 (1999-03-11) page 1, line 1 - page 5, line 32 -----	1-34



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

29 June 2004

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6292669	B1	18-09-2001	FI 972357 A	04-12-1998
			AU 7656898 A	21-12-1998
			CN 1124753 B	15-10-2003
			EP 0992164 A2	12-04-2000
			WO 9856195 A2	10-12-1998
			JP 2002502570 T	22-01-2002
WO 03019959	A	06-03-2003	GB 2395403 A	19-05-2004
			WO 03019959 A1	06-03-2003
WO 9912364	A	11-03-1999	FI 973575 A	02-03-1999
			AU 8982398 A	22-03-1999
			EP 1010338 A2	21-06-2000
			WO 9912364 A2	11-03-1999
			TW 400489 B	01-08-2000
			US 6587693 B1	01-07-2003